

U.S. Department of Commerce, Patent and Trademark Office	Atty Docket No.	Serial No.
	AB-975 US	09/574,541
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Applicants	
(Use several sheets if necessary)	Shin, Won Sun; et al.	
	Filing Date	Group
	May 19, 2000	2825

## U.S. Patent Documents

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
CAL	AA	6,005,778	12/21/99	Spielberger, et al.	361	770	—
CAL	AB	5,229,647	7/20/93	Gnadinger	257	785	—
CAL	AC	3,851,221	11/26/74	Beaulieu, et al.	317	100	—
CAL	AD	4,730,232	3/8/88	Lindberg	361	381	—
CAL	AE	4,763,188	8/9/88	Johnson	357	74	—
CAL	AF	4,982,265	1/1/91	Watanabe, et al.	357	75	—
CAL	AG	5,025,306	6/18/91	Johnson, et al.	357	75	—
CAL	AH	5,040,052	8/13/91	McDavid	357	80	—
CAL	AI	5,140,404	8/18/92	Fogal, et al.	357	70	—
CAL	AJ	5,291,061	3/1/94	Ball	257	686	—
CAL	AK	5,323,060	6/21/94	Fogal, et al	257	777	—

## Foreign Patent Documents

							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
CAL	AL	62-126661 Eng. Abs.	6/8/87	Japan	H01L	25/04		
CAL	AM	4-56262 Eng. Abs.	2/24/92	Japan	H01L	25/65		
CAL	AN	63-244654 Eng. Abs.	10/12/88	Japan	H01L	23/28		
CAL	AO	5136323 Eng. Abs.	6/1/93	Japan	H01L	23/50		
CAL	AP	5109975 Eng. Abs.	4/30/93	Japan	H01L	25/065		

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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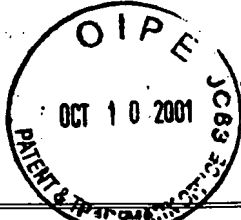
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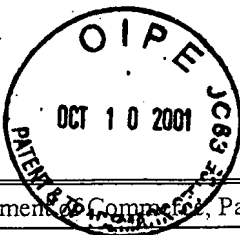
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U.S. Patent Documents								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
CAL	AA	5,432,729	7/11/95	Carson, et al	365	63	—	
CAL	AB	5,682,062	10/28/97	Gaul	257	686	—	
CAL	AC	5,721,452	2/24/98	Fogal, et al.	257	685	—	
CAL	AD	5,739,581	4/14/98	Chillara, et al.	257	668	—	
CAL	AE	5,815,372	9/29/98	Gallas	361	760	—	
CAL	AF	5,872,025	2/16/99	Cronin, et al.	438	109	—	
CAL	AG	5,886,412	3/23/99	Fogal, et al.	257	777	—	
CAL	AH	Re. 36,613	3/14/00	Ball	257	777	—	
CAL	AI	6,051,886	4/18/00	Fogal, et al.	257	777	—	
CAL	AJ	6,057,598	5/2/00	Payne, et al.	257	723	—	
CAL	AK	5,861,666	1/19/99	Bellaar	257	686	—	
Foreign Patent Documents								
							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
CAL	AL	61117858 Eng. Abs.	6/5/86	Japan	H01L	25/08		
CAL	AM	4028260 Eng. Abs.	1/30/92	Japan	H01L	25/065		
CAL	AN	4116859 Eng. Abs.	4/17/92	Japan	H01L	25/065		
CAL	AO	4096358 Eng. Abs.	3/27/92	Japan	H01L	25/065		
CAL	AP	5013665 Eng. Abs.	1/22/93	Japan	H01L	25/065		
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
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*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
CAL	AA	5,165,067	11/17/92	Wakefield, et al.	257	783	—
CAL	AB	5,614,766	3/25/97	Takasu, et al.	257	777	—
CAL	AC	5,587,341	12/24/96	Masayuki, et al.	437	206	—
CAL	AD	5,473,196	12/5/95	De Givry	257	786	—
CAL	AE	5,426,563	6/20/95	Moresco, et al.	361	689	—
CAL	AF	5,502,289	3/26/96	Takiar, et al.	174	266	—
CAL	AG	5,422,435	6/6/95	Takiar, et al.	174	52.4	—
CAL	AH	5,334,875	8/2/94	Sugano, et al.	257	686	—
CAL	AI	5,198,888	3/30/93	Sugano, et al.	257	686	—
CAL	AJ	5,793,108	8/11/98	Nakahishi, et al.	257	723	—
CAL	AK	5,783,870	7/21/98	Mostafazadeh, et al.	257	791	—

## Foreign Patent Documents

							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
CAL	AL	4-368154 A w/Eng. Abs.	12/21/92	Japan	H01L	23/00		X
CAL	AM	54-128274 w/Eng. Abs.	4/10/79	Japan	H01L	23/30		X
CAL	AN	1028856 w/Eng. Abs.	1/31/89	Japan	H01L	27/00		X
CAL	AO	1099248 A w/Eng. Abs.	4/18/89	Japan	H01L	25/08	X	
CAL	AP	60182731 w/Eng. Abs.	9/18/85	Japan	H01L	21/60		X

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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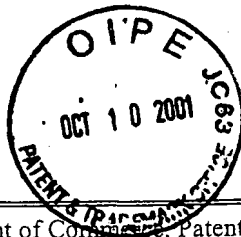
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C. J. L. L.

Date Considered

March 8, 2002

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U.S. Patent Documents							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
CAL	AA	5,973,403	10/26/99	Wark	257	777	—
CAL	AB	5,917,242	6/29/99	Ball	257	737	—
CAL	AC	5,696,031	12/9/97	Wark	437	209	—
CAL	AD	5,637,912	6/10/97	Cockerill, et al.	257	620	—
CAL	AE	5,637,536	6/10/97	Val	438	686	—
CAL	AF	5,581,498	12/3/96	Ludwig, et al.	365	63	—
CAL	AG	5,514,907	5/7/96	Moshayedi	257	723	—
CAL	AH	5,495,398	2/27/96	Takiar, et al.	361	790	—
CAL	AI	5,495,394	2/27/96	Kornfeld, et al.	361	764	—
CAL	AJ	5,463,253	10/31/95	Waki, et al.	257	724	—
CAL	AK	5,012,323	4/30/91	Farnworth	357	75	—

Foreign Patent Documents							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
CAL	AL	56062351 w/Eng. Abs.	5/28/81	Japan	H01L	25/04		X
CAL	AM	3169062 Eng. Abs.	7/23/91	Japan	H01L	25/065		X
CAL	AN	10-256470	9/25/98	Japan	H01L	25/065	X	
CAL	AO	1071162 A w/Eng. Abs	3/16/89	Japan	H01L	23/52		X
CAL	AP	5-75015 (A) Eng. Abs	3/26/93	Japan	H01L	25/065		X

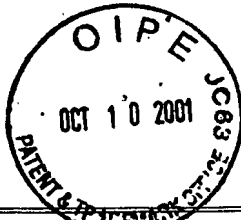
  

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
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CAL	AA	4,996,587	2/26/91	Hinrichsmeyer, et al.	357	74	—
CAL	AB	4,567,643	2/4/86	Droguet, et al.	29	575	—
CAL	AC	5,793,108	8/11/98	Nakanishi, et al.	257	723	—
CAL	AD	5,689,135	11/18/97	Ball	257	676	—
CAL	AE	5,138,438	8/11/92	Masayuki, et al.	357	75	—
CAL	AF	5,347,429	9/13/94	Kohno, et al.	361	813	—
CAL	AG	6,080,264	6/27/00	Ball	156	292	—
CAL	AH	5,422,435	6/6/95	Takiar, et al.	174	52.4	—
CAL	AI	5,569,625	10/29/96	Yoneda, et al.	29	827	—
CAL	AJ	5,798,014	8/25/98	Weber	156	263	—
CAL	AK	5,885,849	3/23/99	DiStefano, et al.	438	108	—

## Foreign Patent Documents

							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
CAL	AL	4-368167 w/Eng. Abs.	12/21/92	Japan	H01L	25/065		X
CAL	AM	5-283601	10/29/93	Japan	H01L	23/52		X
CAL	AN	503 201 A2	12/20/91	EPO	H01L	23/495		
CAL	AO	64001269 Eng. Abs.	1/5/89	Japan	H01L	25/04		
	AP							

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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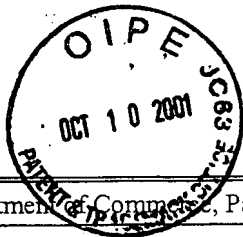
Examiner

*C. J. Smith*

Date Considered

*March 8, 2002*

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CAL	AA	5,952,611	9/14/99	Eng, et al.	174	52.4	—
CAL	AB	6,072,243	6/6/00	Nakanishi	257	783	—
CAL	AC	6,184,463	2/6/01	Panchou, et al.	174	52.4	—
CAL	AD	6,235,554	5/22/01	Akram, et al.	438	109	—
CAL	AE	6,214,641	4/10/01	Akram	438	107	—
CAL	AF	5,835,355	11/10/98	Dordi	361	760	—
CAL	AG	5,903,052	5/11/99	Chen, et al.	257	706	—
CAL	AH	6,013,948	1/11/00	Akram, et al.	257	698	—
CAL	AI	6,034,427	3/7/00	Lan, et al.	257	698	—
CAL	AJ	6,127,833	10/3/00	Wu, et al.	324	755	—
CAL	AK	6,172,419	1/9/01	Kinsman	257	737	—

## Foreign Patent Documents

							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
CAL	AL	61059862 Eng. Abs	3/27/86	Japan	H01L	25/04		
CAL	AM	62119952 Eng. Abs.	6/1/87	Japan	H01L	25/04		
CAL	AN	62126661 Eng. Abs.	6/8/87	Japan	H01L	25/04		
CAL	AO	62142341 Eng. Abs.	6/25/87	Japan	H01L	25/04		
CAL	AP	63211663 Eng. Abs.	9/2/88	Japan	H01L	25/08		

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

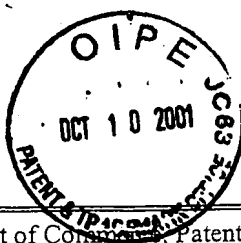
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*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate		
CAL	AA	5,715,147	2/3/98	Nagano	361	813	—		
CAL	AB	6,133,637	10/17/00	Hikita, et al.	257	777	—		
	AC								
	AD								
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Foreign Patent Documents									
							Translation		
		Document	Date	Country	Class	Subclass	Yes	No	
	AL								
CAL	AM	4056262 Eng. Abs.	2/24/92	Japan	H01L	25/065			
CAL	AN	62126661 w/Eng. Abs.	6/8/87	Japan	H01L	25/04		X	
CAL	AO	63128736 w/Eng. Abs.	6/1/88	Japan	H01L	23/04		X	
CAL	AP	63244654 w/Eng. Abs.	10/12/88	Japan	H01L	23/28		X	
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